

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	64	(318/100).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/17 02:10
S2	64	"318"/\$7.ccls. and (grab\$4 grasp\$4) and ((sens\$4 detect\$4) near4 forc\$4) and (threshold maximum limit) and (relax\$4 releas\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:12
S3	26	"318"/\$7.ccls. and (grab\$4 grasp\$4) and ((sens\$4 detect\$4) near4 forc\$4) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:16
S4	48	"318"/\$7.ccls. and (grab\$4 grasp\$4) and ((sens\$4 detect\$4) near4 forc\$4) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than) equal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:13
S5	34	"318"/\$7.ccls. and (grab\$4 grasp\$4) and ((sens\$4 detect\$4) near4 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:23
S6	62	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near4 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:26
S7	7	((("6329781") or ("5701066") or ("5677605")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/17 02:25
S8	62	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near4 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:33
S9	13	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near4 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and effector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:33
S10	14	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near4 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:35
S11	17	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near4 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:41
S12	17	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:56

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S13	16	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and (drop\$4 slip\$4 gravitat\$4 gravity gravitation\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 02:58
S14	16	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 gravitat\$4 gravity gravitation\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:05
S15	11	"318"/\$7.ccls. and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:04
S16	24	"318"/\$ and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:29
S17	17	("3805169"   "3845657"   "3919563"   "3948093"   "4283764"   "4305028"   "4369663").PN. OR ("4591944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/17 03:26
S18	0	S17 and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:27
S19	0	S17 and (grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:28
S20	3	S17 and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:28
S21	27	"318"/\$ and (grab\$4 grasp\$4 grip\$4 clamp\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:31
S22	1	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:31
S23	8	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:47
S24	9	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:47

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S25	15	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:49
S26	15	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:51
S27	2	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and (alarm\$4 alert\$4 emergency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:53
S28	1	"3904234" and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 emergency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:55
S29	43	"318"/\$ and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 emergency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:57
S30	24	"294"/\$ and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 emergency))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 03:59
S31	14	"294"/\$ and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:03
S32	24	"700"/\$ and (grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:04
S33	1161	(grab\$4 grasp\$4 grip\$4 clamp\$4) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) and (sens\$4 detect\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:04
S34	9	(grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and (effector effector (robotic near2 manipulator)) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 gravitat\$4 gravity gravitation\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:06
S35	147	(grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and (exceed\$4 (greater\$2 adj1 than)) and (sens\$4 detect\$4) and (pressure forc\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 gravitat\$4 gravity gravitation\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:11
S36	256	(grab\$4 grasp\$4 grip\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 gravitat\$4 gravity gravitation\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:15

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S37	109	S36 not S35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:22
S39	463	(grab\$4 grasp\$4 grip\$4 clamp\$4) and ((sens\$4 detect\$4) near9 (pressure forc\$4)) and (threshold maximum limit) and (relax\$4 releas\$4) and ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 gravitat\$4 gravity gravitation\$4) and ( ((non\$2 adj2 deliver\$4) drop\$4 slip\$4 ) same (alarm\$4 alert\$4 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:15
S40	207	S39 not ( S35 S36)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/17 04:23